BIOMÉRIEUX

GENE-UP® PRO QUANT SALMONELLA

Quickly Quantify *Salmonella*

Your Trusted Partner in Augmented Diagnostics

PIONEERING DIAGNOSTICS

MAKE SMARTER DECISIONS, FASTER. RELIABLE RESULTS IN LESS THAN 4 HOURS.

Quantifying *Salmonella* is crucial because it helps assess contamination levels and implement targeted interventions before products reach consumers. By measuring bacterial load rather than just detecting its presence, food producers can make informed, data-driven decisions that improve food safety. This approach also enables added economic value by optimizing sanitation efforts, and improving overall operational efficiency.

Validated across a range of raw meat and poultry product matrices, GENE-UP® PRO QUANT SALMONELLA brings efficiency and ease with accurate quantification of *Salmonella*, empowering data-driven responses to *Salmonella* risks.

How It Works

Sample Preparation → Spin & Concentrate → Semi-automated DNA extraction → Transfer to PCR tube, Place in GENE-UP® → Accurate Quantitative Results

SAMPLE PREP & DNA EXTRACTION: ~1.5 HOURS

PCR & DATA ANALYSIS: 2.5 HOURS

GENE-UP® PRO QUANT SALMONELLA Impact

A Fresh Approach for Poultry, Beef, and Turkey

THE SCIENCE	THE IMPACT
• Accurate counts up to 4 logs	→ Reliable quantification for better contamination control
• AOAC-approved quantification method	→ Stay ahead of evolving regulatory landscape
• No enrichment, incubation, or dilutions	→ Saves time, reduces complexity, lowers costs, and removes enrichment bias
• Results in less than 4 hours	→ Faster decision-making, improved efficiency, and treatment adjustments

Study Recognizes GENE-UP® PRO QUANT SALMONELLA Accuracy in *Salmonella* Detection for Poultry[1]

According to a recent JFP article "Evaluation of Methods for Identifying Poultry Wing Rinses With *Salmonella* Concentrations Greater Than or Equal to 10 CFU / mL", GENE-UP® PRO QUANT SALMONELLA correctly identifies poultry rinses with *Salmonella* concentrations ≥ 10 CFU / mL at approximately the same rate as MPN.

Additionally, other methods evaluated underestimated *Salmonella* concentrations by > 1 log CFU / mL.

ORDERING INFORMATION

GENE-UP® PRO QUANT SALMONELLA
IS1129 | 96 Assays

ACCESS THE STUDY DATA
biomerieux.com/poultry-rinses-salmonella

LEARN MORE ABOUT GENE-UP® PRO QUANT SALMONELLA
biomerieux.com/quant-salmonella

1. Schmidt et al. J Food Prot, 2024 Sep 18;87(11):100362. doi: 10.1016/j.jfp.2024.100362.

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